CERTIFICATE OF MAILING

I certify that this document is being deposited with the U.S. Postal Service as First Class Mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant(s):

Kenneth V. Buer et al.

Docket No.:

36956.2400

Serial No.:

10/701,010

Group Art Unit:

2816

Filed:

November 3, 2003

Examiner:

TBA

Title:

MMIC DRIVER AMPLIFIER HAVING ZIG-ZAG RF SIGNAL FLOW

INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

Commissioner:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R., §§1.97 and 1.98, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents listed on the attached Form PTO/SB/08A. Applicant respectfully submits that all pending claims are patentable over the foregoing references, alone or in combination. The Examiner is requested to initial the enclosed Form PTO/SB/08A and return a copy thereof to the undersigned.

The items listed on Form PTO/SB/08A may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants reserve the right to dispute any of the listed documents as prior art during

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examination. Further, Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Furthermore, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

searcl	n has b	een made or that no other material information may exist.					
1.[]	ach of the following items listed on the enclosed copy of Form PTO/SB/08A not in the English language, an English language translation of that item or ion thereof or a concise explanation of the relevance of that item is sed:						
2.[]	not er or sub Applic	opy of the items listed on the enclosed copy of Form PTO/SB/08A that is aclosed with this Information Disclosure Statement was previously cited by smitted to the Patent and Trademark Office in the prior [] Parent eation, [] Continuation, [] Divisional or [] Continuation-In-Part application 37 C.F.R. §1.97, U.S. Serial No, filed					
3. [X]	No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:						
	[]	37 C.F.R. §1.97(b)(1), within three months of the filing date of the above-identified application.					
		37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application.					
	[X]	37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits.					
4. []] No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure States since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 3 above but before the mailing date of a final action on Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set in paragraph 8 below.						
5. []	since specif	is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement it is being filed in compliance with 37 C.F.R. §1.97(c), after the period ied in paragraph 3 above but before the mailing date of a final action or a of allowance (where there has been no prior final action):					
	[]	A check in the amount of \$180.00 is enclosed in payment of the fee.					

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	[]	Charge the fee to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.			
6.[]	A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statements ince it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:				
	a. []	one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 8 below; and			
	b. []	the attached petition requesting consideration of this Information Disclosure Statement; and			
	c. []	the fee due under 37 C.F.R. §1.17(i)(1) which is paid as set forth in paragraph 9 below.			
7.[]		is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statemen it is being filed in compliance with:			
	a. []	37 C.F.R. §1.313(b)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue;			
	b. []	37 C.F.R. §1.313(b)(5), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue.			
	c. []	The fee due under 37 C.F.R. §1.17(i)(1) is paid as set forth in paragraph 9 below.			
8. []	Disclo	by certify that each item of information contained in this Information sure Statement was cited in a communication from a foreign patent office bunterpart foreign application not more than three months prior to the filing Information Disclosure Statement.			
[]	Stater office reason	by certify that no item of information in the Information Disclosure ment filed herewith was cited in a communication from a foreign patent in a counterpart foreign application or, to my knowledge after making nable inquiry, was known to any individual designated in §1.56(c) more hree months prior to the filing of this Information Disclosure Statement.			
9. []		ck in the amount of \$180.00 is enclosed in payment of the fee due under 37 . §1.17(p).			

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- [] Charge the fee due under 37 C.F.R. §1.17(i)(1) to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- [X] The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 19-2814. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

A copy of the non U.S. patent item has been attached in accordance with 37 C.F.R. §1.98.

Respectfully submitted,

Snell & Wilmer

Dated:

Mrs, 2004

John H. Platt

Registration No. 47,863

in A Platt

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Complete if Known Substitute for form 1449A/PTO Application Number 10/701,010 INFORMATION DISCLOSURE Filing Date November 3, 2003 STATEMENT BY APPLICANT First Named Inventor Kenneth V. Buer et al. **Art Unit** (use as many sheets as necessary) **Examiner Name** TBA 36956.2400 Attorney Docket Number of

\$	U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Document Number 2 Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		US- 5,008,633	04-16-1991	Hom				
		US- 5,023,677	06-11-1991	Truitt				
		US- 5,519,358	05-21-1996	Tserng				
		US- 5,659,267	08-19-1998	Buer et al.				
		US- 5,821,827	10-13-1998	Mowinkel et al.				
		US- 5,952,886	09-14-1999	Buer et al.				
		US- 5,983,089	11-09-1999	Mohwinkel et al.				
		US- 6,362,689	03-26-2002	Buer				
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document			Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
		Office	3 Number ⁴	Kind ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶
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Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Stantlard ST.3.). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if postible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.